

# Converting Colors

YIQ(141.9890, 16.8690, 19.1810)

Have a look what the booklet for  
YIQ(141.9890, 16.8690, 19.1810)  
contains.

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# Color

**YIQ(141.9890, 16.8690,  
19.1810)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA7D9C
RGB	170, 125, 156
RGB Percent	67%, 49%, 61%
CMY	0.3332, 0.5099, 0.3882
CMYK	0.00, 0.26, 0.08, 0.33
HSL	319°, 21%, 58%
HSV	319°, 26%, 67%
XYZ	29.9174, 25.6128, 34.8243
YIQ	141.9890, 16.8690, 19.1810

# Conversions

## Conversions Part 2

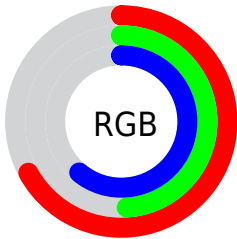
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	170, 125, 156
Decimal	11173276
CIE Lab	57.67, 22.59, -9.76
CIE LCh	58, 24.606, 336.628
Yxy	25.6128, 0.3311, 0.2835
Android (android.graphics.Color)	4289363356 (0xFFAA7D9C)
YUV	141.9890, 6.9074, 24.5656
Hunter-Lab	50.6091, 16.9540, -5.3713

# Details

The YIQ color **141.9890, 16.8690, 19.1810** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **153.0110, -16.8690, -19.1810**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.0000, 18.3360, 20.1280**, and **90.9780, 15.4020, 18.2340** is the 20% darker color. If you saturate the color by 10%, you get **131.4400, 23.1490, 26.5170**, and if you desaturate by 10%, it is **152.5380, 10.5890, 11.8450**.

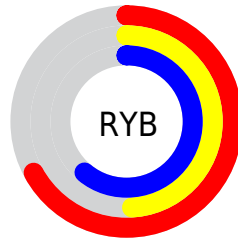
# Distribution



Red (67%)

Green (49%)

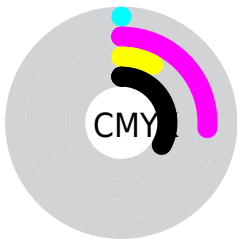
Blue (61%)



Red (67%)

Yellow (49%)

Blue (61%)

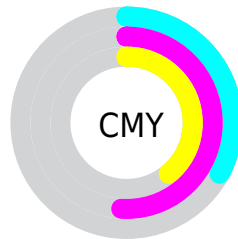


Cyan (0%)

Magenta (26%)

Yellow (8%)

Black (33%)



Cyan (33%)

Magenta (51%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 141.9890, 16.8690, 19.1810 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 141.9890, 16.8690, 19.1810 by changing the saturation by 10% instead.



■ 141.9890, 16.8690,  
19.1810

■ 141.9890, 16.8690,  
19.1810

■ 255.0000, -0.0000,  
-0.0000

■ 116.2770, 15.9980,  
18.4460

■ 196.1140, 18.0150,  
20.4390

■ 90.9780, 15.4020,  
18.2340

■ 224.4130, 18.6110,  
20.6510

■ 67.2660, 14.5310,  
17.4990

■ 242.6730, 5.7750,  
10.9830

■ 44.5540, 13.6600,  
16.7640

■ 22.2550, 13.0640,  
16.5520

■ 8.1740, 8.6180,  
9.0180

■ 0.0000, 0.0000,

0.0000

■ 141.9890, 16.8690,  
19.1810

■ 141.9890, 16.8690,  
19.1810

■ 131.4400, 23.1490,  
26.5170

■ 152.5380, 10.5890,  
11.8450

■ 120.7770, 29.7500,  
33.5420

■ 163.2010, 3.9880,  
4.8200

■ 110.2280, 36.0300,  
40.8780

■ 173.7500, -2.2920,  
-2.5160

■ 99.6790, 42.3100,  
48.2140

■ 184.2990, -8.5720,  
-9.8520

■ 89.1300, 48.5900,  
55.5500

■ 194.8480,  
-14.8520, -17.1880

■ 78.4670, 55.1910,  
62.5750

■ 205.5110,  
-21.4530, -24.2130

67.9180, 61.4710,  
69.9110

216.0600,  
-27.7330, -31.5490

64.1680, 63.7630,  
72.4270

223.0870,  
-32.3630, -35.7470

223.7710,  
-34.2890, -33.8810

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



140.8710, -3.3500, 16.6660



141.9890, 16.8690, 19.1810



141.5960, 31.0370, 15.7170

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



141.9890, 16.8690, 19.1810



137.0880, 19.7630, -11.2530



127.5730, -50.3860, -11.9700

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



141.9890, 16.8690, 19.1810



153.0110, -16.8690, -19.1810

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



128.5600, -40.3440, -17.7520



141.9890, 16.8690, 19.1810



134.6450, 1.8370, -16.7790

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



141.9890, 16.8690, 19.1810



138.5290, 32.0030, -1.7970



131.4560, -19.6200, -18.8840



131.6050, -44.2440, -2.1320



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



141.9890, 16.8690, 19.1810



140.5870, 35.2560, 10.8400



131.4560, -19.6200, -18.8840



127.1770, -49.3310, -14.5710

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



141.9890, 16.8690, 19.1810



210.7500, 6.8760, 7.5480



134.0170, -6.6970, 16.7510



105.2010, 3.9880, 4.8200



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



141.9890, 16.8690, 19.1810



177.8150, 26.5870, 30.2910



139.4810, 23.9310, 12.3390



79.0760, 2.8420, 3.5620



55.8800, 55.4660, 63.0980



7.5760, 7.4260, 8.5940



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



141.9890, 16.8690, 19.1810



177.8150, 26.5870, 30.2910



155.5190, -23.9310, -12.3390



79.0760, 2.8420, 3.5620



55.8800, 55.4660, 63.0980



7.5760, 7.4260, 8.5940



# Previews

## White Background



This preview shows how the YIQ color 141.9890, 16.8690, 19.1810 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

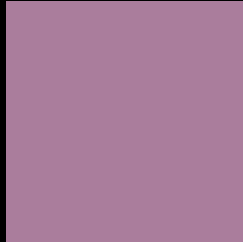
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 141.9890, 16.8690, 19.1810 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

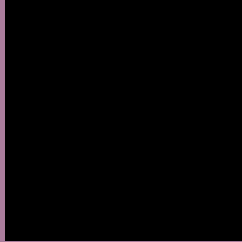
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 141.9890, 16.8690, 19.1810

## Background



This preview shows how black text looks on a background with the YIQ color 141.9890, 16.8690, 19.1810.



This preview shows how white text looks on a background with the YIQ color 141.9890, 16.8690,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

141.9890, 16.8690, 19.1810

### Protanopia

139.4690, -11.3260, 7.0260

### Deuteranopia

140.1560, -0.1390, 8.0290



## Tritanopia

141.1000, 20.6300, 11.5900

# Trichromacy



## Original Color

141.9890, 16.8690, 19.1810

## Protanomaly

140.0790, -1.2400, 11.4640

## Deuteranomaly

140.6130, 6.0040, 12.3400

## Tritanomaly

141.6100, 19.2540, 14.5020

# Monochromacy



## Original Color

141.9890, 16.8690, 19.1810

## Achromatopsia

142.0000, -0.0000, -0.0000

## Achromatomaly

142.0380, 6.0050, 6.8130

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 141.9890, 16.8690, 19.1810 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(170, 125, 156)` looks like.

```
.text, #text, p{  
    color:rgb(170, 125, 156)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(170, 125, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 125, 156) }
```

## Border

The CSS property to change the border of an element to YIQ 141.9890, 16.8690, 19.1810 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 125, 156) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(170, 125, 156) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(170, 125, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 125, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 125, 156);  
box-shadow:4px 4px 4px 4px rgb(170, 125,  
156) }
```

# Background

The CSS property to change the background color of an element to YIQ 141.9890, 16.8690, 19.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 125, 156) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(170,  
125, 156) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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